

Fig. 1

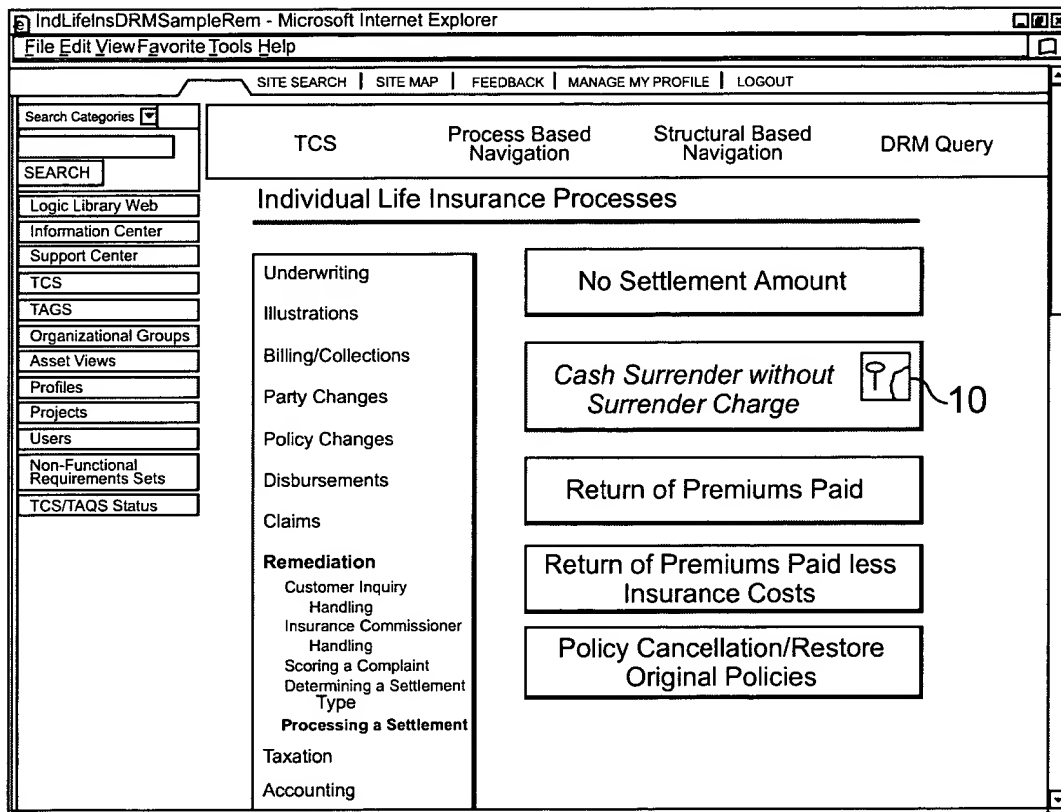


Fig. 2

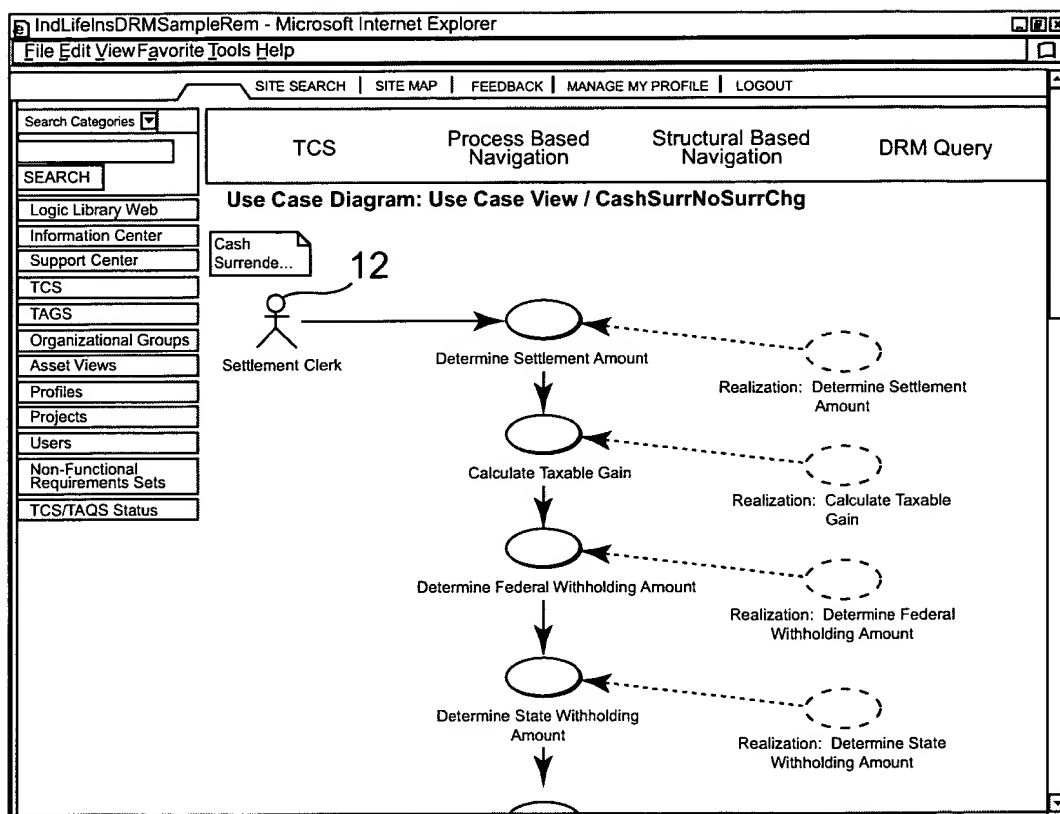


Fig. 3

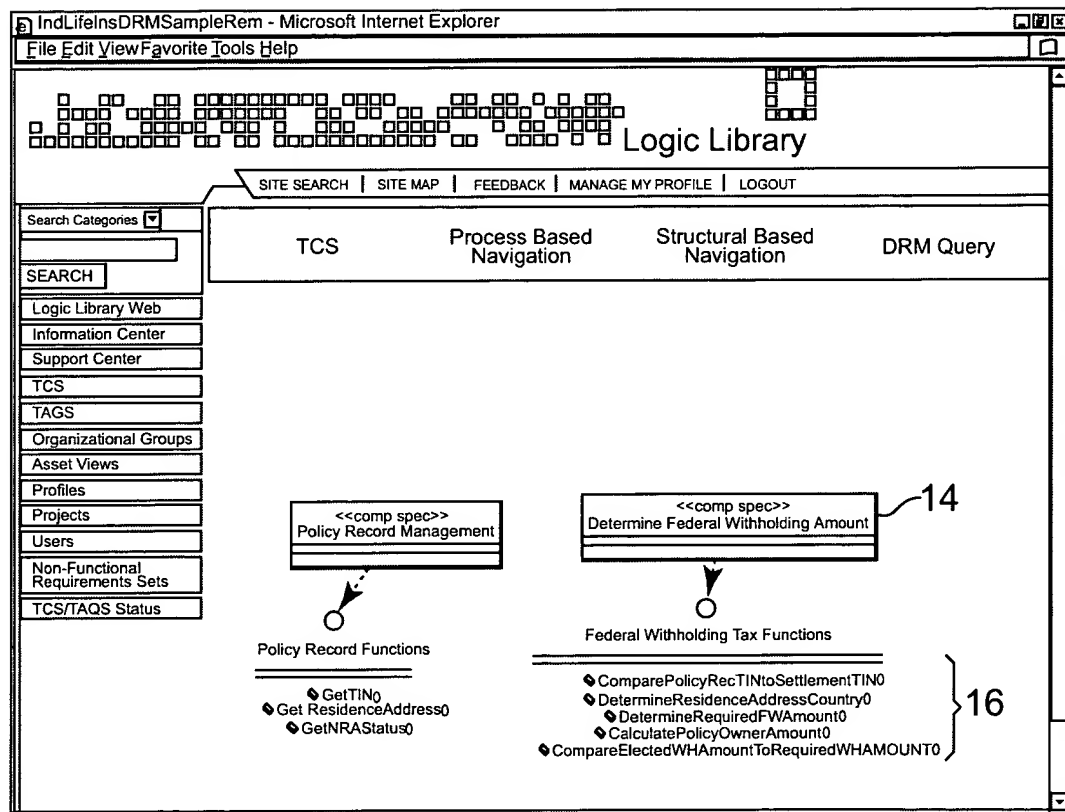
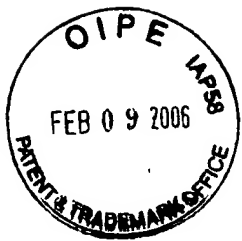


Fig. 4

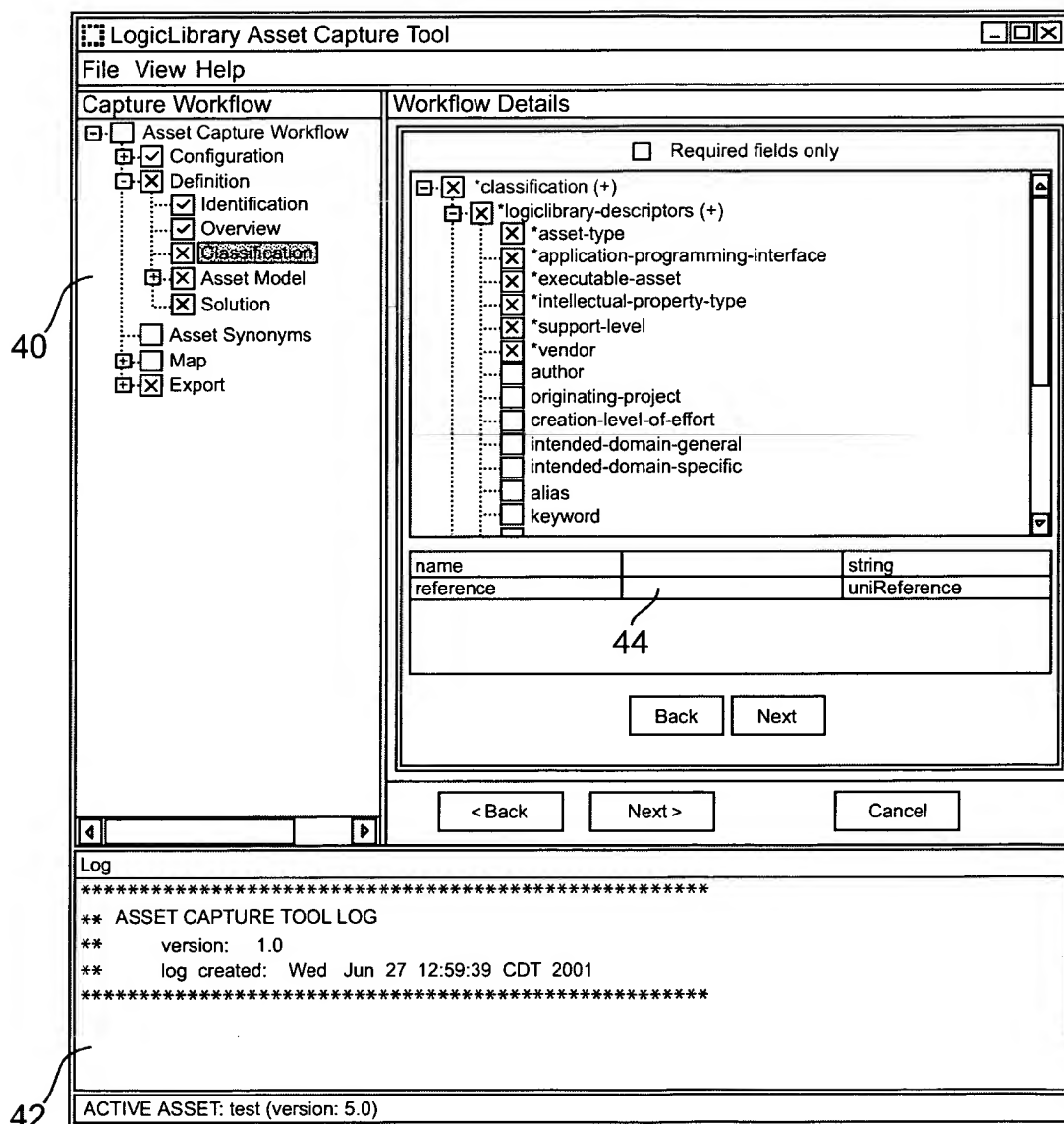


Fig. 5



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow	Workflow Details
<ul style="list-style-type: none"><input type="checkbox"/> Asset Capture Workflow<ul style="list-style-type: none"><input checked="" type="checkbox"/> Configuration<ul style="list-style-type: none"><input checked="" type="checkbox"/> Definition<ul style="list-style-type: none"><input checked="" type="checkbox"/> Identification<input checked="" type="checkbox"/> Overview<input checked="" type="checkbox"/> Classification<input checked="" type="checkbox"/> Asset Model<ul style="list-style-type: none"><input checked="" type="checkbox"/> Model Capture<input checked="" type="checkbox"/> Identify Model<input checked="" type="checkbox"/> Diagram Option<input checked="" type="checkbox"/> Solution<input type="checkbox"/> Asset Synonyms<input checked="" type="checkbox"/> Map<input checked="" type="checkbox"/> Export	<p>A Component Diagram is a necessary step in enabling the Asset to be found through a Model-Based Search Specification (MBSS) in the Library. The end results of capturing the Asset Model is a Component Diagram.</p> <p>Please select one of the following:</p> <ul style="list-style-type: none"><input type="radio"/> I have a Component Diagram for the Asset in Rational Rose.<input checked="" type="radio"/> I have a model but no Component Diagram for the Asset in Rational Rose....<input type="radio"/> I do not have a model for the Asset in Rational Rose (TM)

< Back Next > Cancel

Fig. 6



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow	Workflow Details
<ul style="list-style-type: none"><input type="checkbox"/> Asset Capture Workflow<ul style="list-style-type: none"><input checked="" type="checkbox"/> Configuration<input checked="" type="checkbox"/> Definition<ul style="list-style-type: none"><input checked="" type="checkbox"/> Identification<input checked="" type="checkbox"/> Overview<input checked="" type="checkbox"/> Classification<input checked="" type="checkbox"/> Asset Model<ul style="list-style-type: none"><input checked="" type="checkbox"/> Model Capture<input checked="" type="checkbox"/> Identify Model<input checked="" type="checkbox"/> Diagram Option<input checked="" type="checkbox"/> Interfaces<input checked="" type="checkbox"/> Data Types<input type="checkbox"/> Review Diagram<input type="checkbox"/> Publish Model<input checked="" type="checkbox"/> Solution<input type="checkbox"/> Asset Synonyms<input type="checkbox"/> Map<input checked="" type="checkbox"/> Export	<p>You need to provide a Component Diagram for the Asset. You may do this one of the two ways:</p> <p><input checked="" type="radio"/> Allow tool to create/update a Component Diagram</p> <p>The diagram will be based on the external Data Types and Functions that you will be identifying in the next series of panels. Please note that additional properties will be added to your model to enable this process.</p> <p><input type="radio"/> Create/update a Component Diagram manually</p> <p>This has several benefits depending on your solution. The addition of LogicLibrary properties to the model classes and operation will be avoided.</p>

< Back Next > Cancel

Fig. 7



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

- ☐ Asset Capture Workflow
 - ☒ Configuration
 - ☒ Definition
 - ☒ Identification
 - ☒ Overview
 - ☒ Classification
 - ☒ Asset Model
 - ☒ Model Capture
 - ☒ Identify Model
 - ☒ Diagram Option
 - ☒ Interfaces
 - ☒ Data Types
 - ☐ Review Diagram
 - ☐ Publish Model
 - ☒ Solution
 - ☐ Asset Synonyms
 - ☐ Map
 - ☒ Export

Workflow Details

Please identify the external functions of the asset. This can be done by utilizing one or both of the following mechanisms

- 1) From the list below, identify the External Functions.
- 2) From within Rose, change the Component Interface from False to True in the LogicalLibrary tab of the Operation's Specification panel. Click Refresh to reflect changes made

External?	46	Function
<input checked="" type="checkbox"/>		Aset\ Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset\ Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset\ Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset\ Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset\ Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Aset\ Currency Management::CurrencyManagementFunc...
<input checked="" type="checkbox"/>		Common Data Types\Decimal new Operation(Currency/Vap...

48

Selection Description

< Back Next > Cancel

Fig. 8

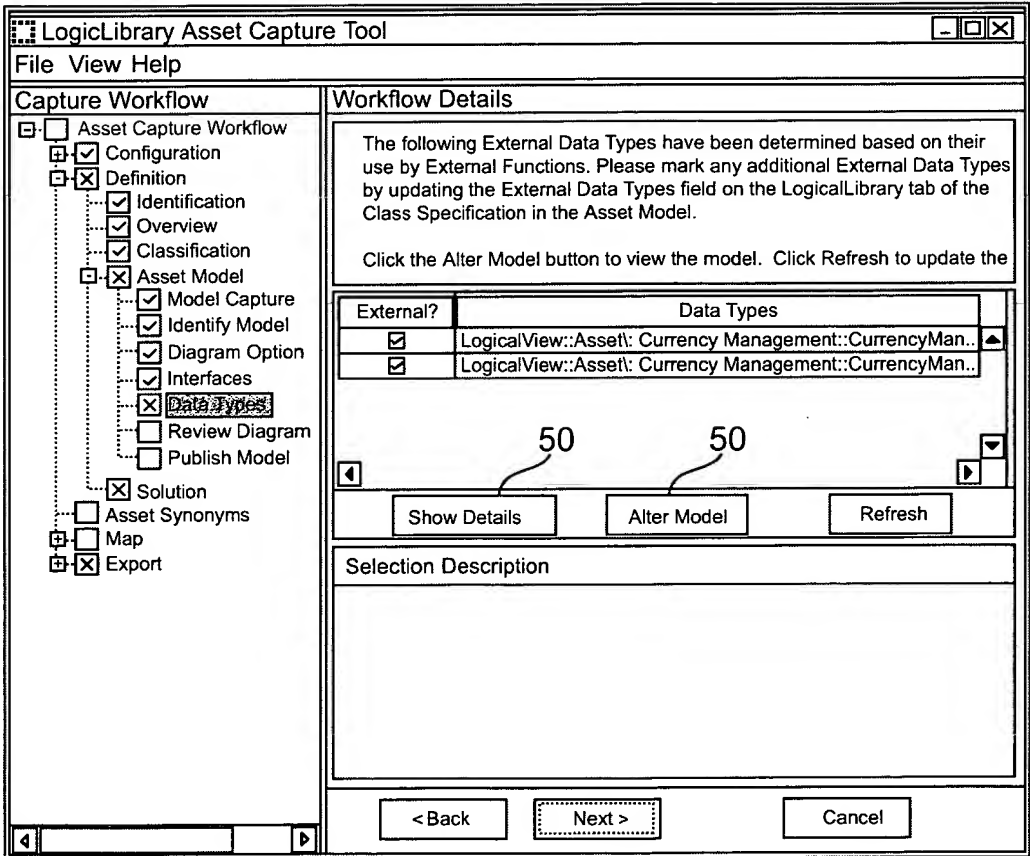


Fig. 9

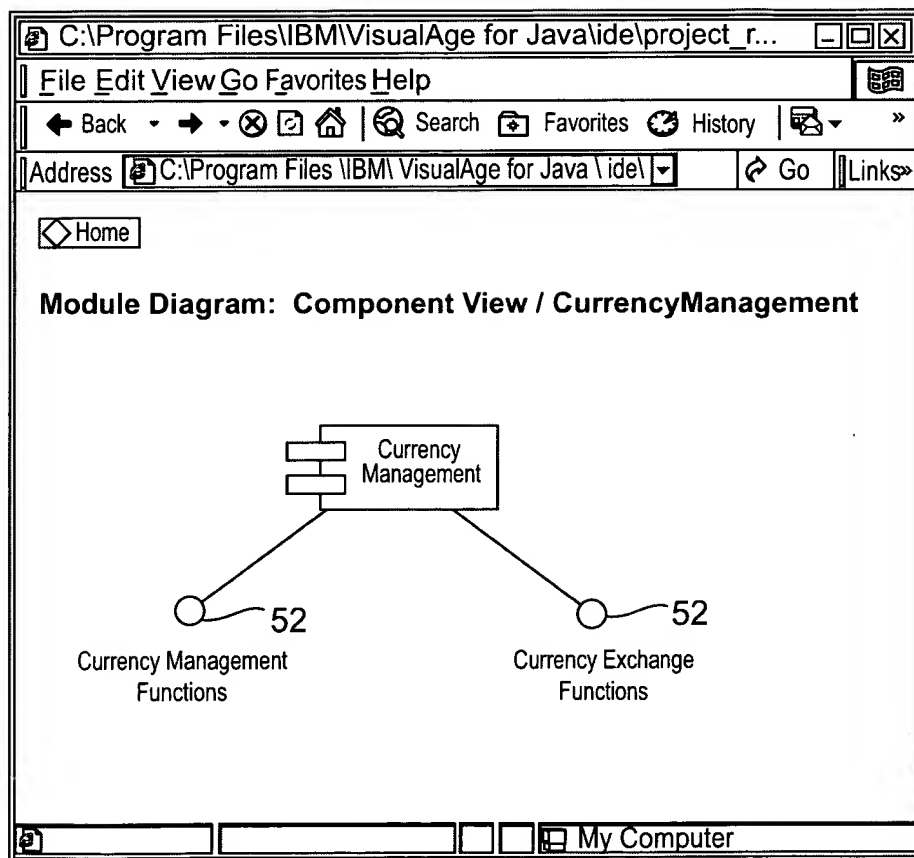
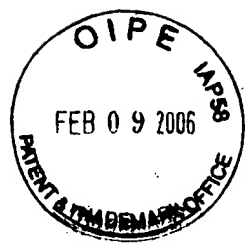


Fig. 10



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

- ☐ Asset Capture Workflow
 - ☒ Configuration
 - ☒ Definition
 - ☒ Identification
 - ☒ Overview
 - ☒ Classification
 - ☒ Asset Model
 - ☒ **Solution**
 - ☐ Asset Synonyms
 - ☒ Map
 - ☒ Export

Workflow Details

☐ Required fields only

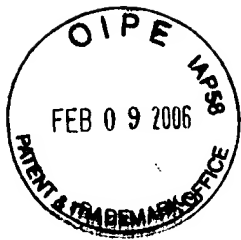
- ☒ *solution (+)
 - ☒ *overview
 - ☒ **architectual-assumptions**
 - ☐ business-use-case-model
 - ☐ system-use-case-model
 - ☐ business-object-model
 - ☐ requirements
 - ☐ supplementary-specification
 - ☐ analysis-model
 - ☐ design-model
 - ☐ implementation-model
 - ☐ deployment-model
 - ☐ test-model
 - ☐ physical-implementation
 - ☐ examples

name	architecual-assumptions	string
type		string
reference		uriReference

Back Next

< Back Next > Cancel

Fig. 11



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

- ☐ Asset Capture Workflow
 - ☒ Configuration
 - ☒ Definition
 - ☒ Identification
 - ☒ Overview
 - ☒ Classification
 - ☒ Asset Model
 - ☒ Solution
 - ☒ **Asset Synonyms**
 - ☒ Map
 - ☒ Export

Workflow Details

The following are aliases that will be used to generate alternative keywords for the asset. The alternative keywords increase the chances that a search of the library will find your assets. Please add or remove aliases as necessary. Note that the aliases should be in priority order.

Enabled	Asset Term	Synonym
<input checked="" type="checkbox"/>	Currency	Money

Fig. 12

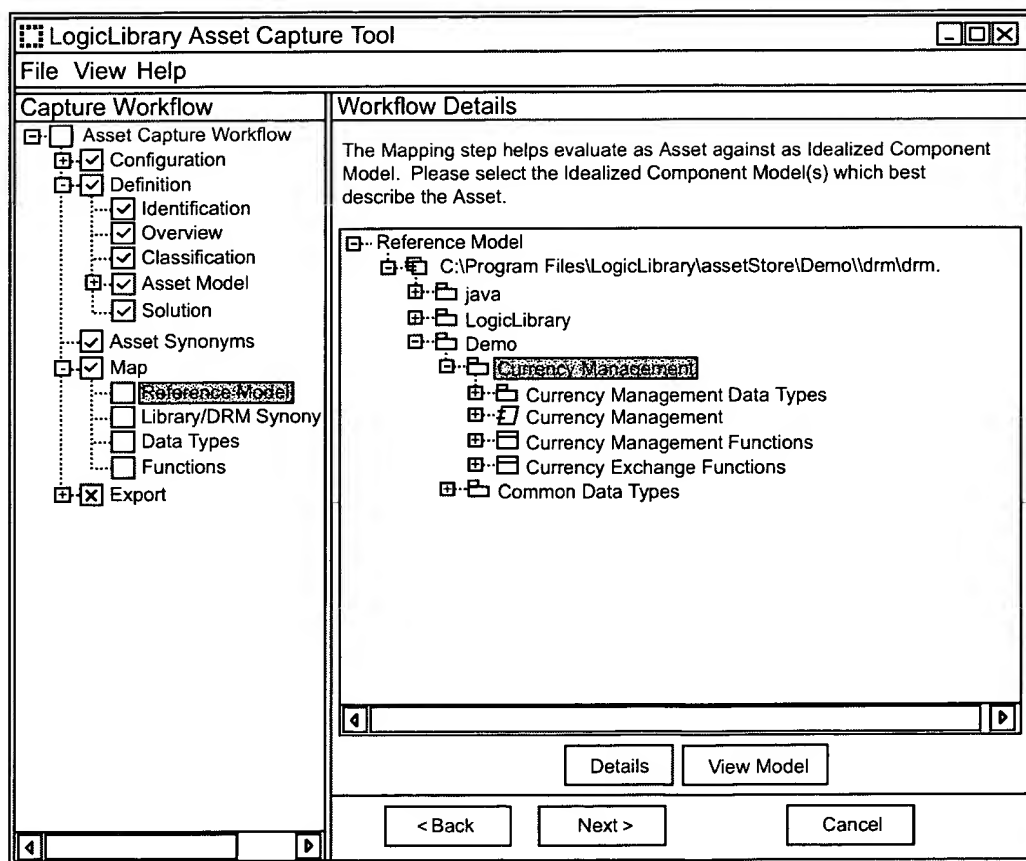


Fig. 13



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

- ☐ Asset Capture Workflow
 - ☒ Configuration
 - ☒ Definition
 - ☒ Identification
 - ☒ Overview
 - ☒ Classification
 - ☒ Asset Model
 - ☒ Solution
 - ☒ Asset Synonyms
 - ☒ Map
 - ☒ Reference Model
 - ☒ Library/DRM Synonyms
 - ☐ Data Types
 - ☐ Functions
 - ☒ Export

Workflow Details

The following are synonyms defined for your enterprises and the selected reference model. While you can add or delete Asset Synonyms, you can only disable Enterprises and Reference Model aliases.

Library Synonyms

Enabled	Asset Term	Synonym
<input checked="" type="checkbox"/>	Currency	Money
<input type="checkbox"/>	Schedule	Time

Reference Model Synonyms

Enabled	Asset Term	Synonym
<input checked="" type="checkbox"/>	DRMTerm	DRMTermAlias

< Back Next > Cancel

Fig. 14



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow	Workflow Details	
<input type="checkbox"/> Asset Capture Workflow	Asset Item	IC Item
<input checked="" type="checkbox"/> Configuration	<input checked="" type="checkbox"/> test	<input checked="" type="checkbox"/> Reference Model
<input checked="" type="checkbox"/> Definition	<input type="checkbox"/> Currency Management	<input type="checkbox"/> Currency Value
<input checked="" type="checkbox"/> Identification	<input checked="" type="checkbox"/> Currency Value	
<input checked="" type="checkbox"/> Overview	54	56
<input checked="" type="checkbox"/> Classification	Details	Details 58
<input checked="" type="checkbox"/> Asset Model		
<input checked="" type="checkbox"/> Solution		
<input checked="" type="checkbox"/> Asset Synonyms		
<input checked="" type="checkbox"/> Map	58	60
<input checked="" type="checkbox"/> Reference Model	<input checked="" type="checkbox"/> Show Suggestions	
<input checked="" type="checkbox"/> Library/DRM Synony		
<input type="checkbox"/> Data type		
<input type="checkbox"/> Functions		
<input checked="" type="checkbox"/> Export		
	Mapping Information	
	Current Mappings	
	<input checked="" type="checkbox"/> Current Mappings	
	Delete Details	
	< Back Next > Cancel	

Fig. 15



LogicLibrary Asset Capture Tool

File View Help

Capture Workflow

- ☐ Asset Capture Workflow
 - ☒ Configuration
 - ☒ Definition
 - ☒ Identification
 - ☒ Overview
 - ☒ Classification
 - ☒ Asset Model
 - ☒ Solution
 - ☒ Asset Synonyms
 - ☒ Map
 - ☒ Reference Model
 - ☒ Library/DRM Synony
 - ☐ Data Types
 - ☒ Export

Workflow Details

Asset Item

☒ test

☐ Currency Management

☐ Currency Value

54

Details ~ 58

IC Item

☒ Reference Model

☐ Currency Value

56

Details ~ 58

☒ Show Suggestions

Map ~ 60

Mapping Information

additional-data	true
affinity	5
notes	why I chose these values
partial-data	true

Ok

Cancel

< Back

Next >

Cancel

Fig. 16

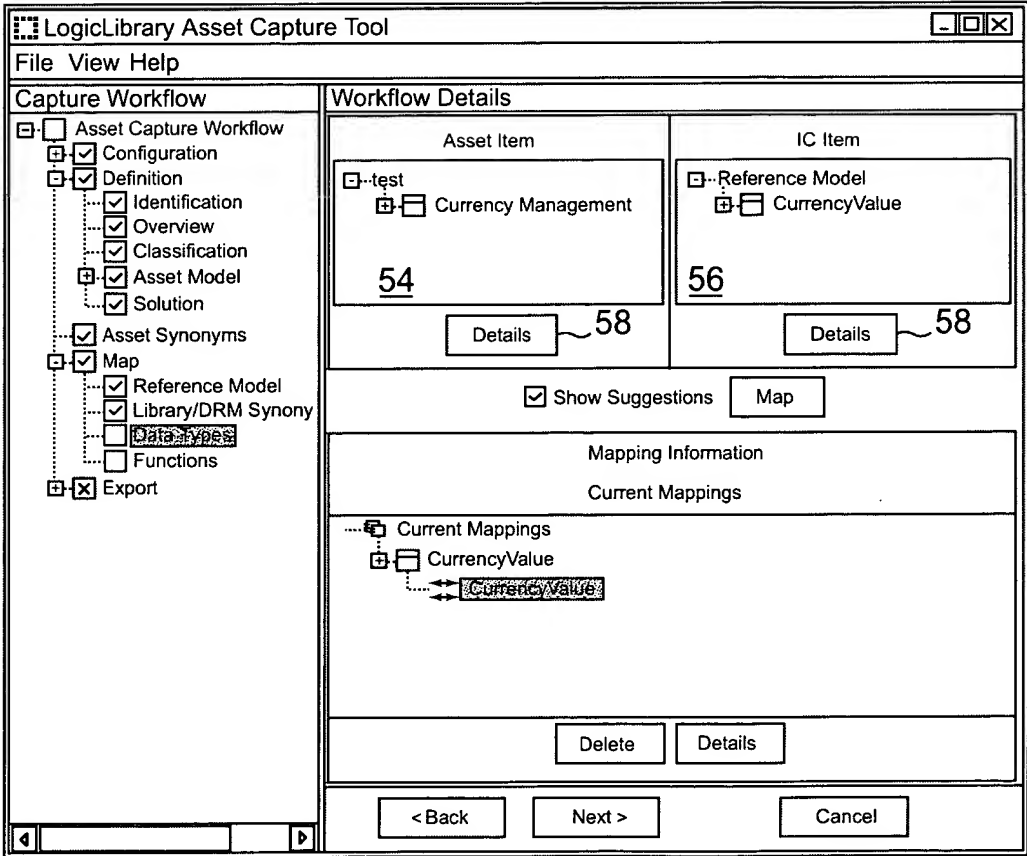


Fig. 17



TCS Details - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Search Categories [v]
[]
SEARCH

Logic Library Web
Information Center
Support Center
TCS
TAGS
Organizational Groups
Asset Views
Profiles
Projects
Users
Non-Functional Requirements Sets
TCS/TAQS Status

+ TCS Detail [Delete] [Save As] [Run]

Project Finance Project
Project Manager Joe Williams
Description Account reporting

TCS Name CurrConv
Description Currency conversion
Status Active
DRM IndLifeInsDRMSample
Create Date Tues May 01 16:09:59 CDT 2001
Last Modified Date Tues May 01 16:09:59 CDT 2001

Non-Functional Requirements [Edit]

Target Functions [Edit]

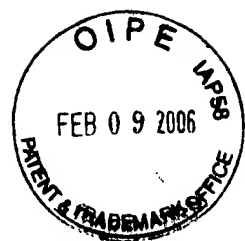
Function Name	Weight
PolicyRecordManagement:PolicyRecordFunctions:GetNRASStatus	5
CurrencyManagement:CurrencyExchangeFunctions:add ExchangeRate	5

80 {

Scoring Parameters

Asset level affinity threshold	50	} 82
Functions level affinity threshold	9	
Allow functions with partial functionality	Yes	} 84
Allow functions with additional functionality	Yes	

Fig. 18



IndLifeInsDRMSampleRem - Microsoft Internet Explorer

File Edit View Favorite Tools Help Links>>

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories

SEARCH

Logic Library Web

Information Center

Support Center

TCS

TAGS

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functional Requirements Sets

TCS/TAQS Status

✦ Asset Query Specification

Project	Finance Project
Project Manager	Joe Williams
Description	Account reporting

TAQS Name	CurrConv
Description	Currency conversion
Status	Active
Create Date	04/05/01
Last Modified Date	04/05/01

Non-Functional Requirements

Asset Search Criteria

Asset name	Currency AND Euro
Function name	Currency AND Euro

Attached Assets

Asset Name	Asset Version	Asset Description	Supplier
Asset 1	1.0	Asset 1 Description	Vendor 1

Fig. 19



Model Based Query Results - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss

Address http://

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories

SEARCH

Logic Library Web

Information Center

Support Center 84

TCS

TAGS

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functional Requirements Sets

TCS/TAQS Status

Model Based Query Results Attach Selected Assets

Selected	Name	Version	Description	Supplier	Type	Library	Affinity Score
<input checked="" type="checkbox"/>	Tax Bridge	1.0	Tool for life insurance companies to administer policy level taxation in a compliant manner	Practical Computing, Inc	EJB	A	100
<input checked="" type="checkbox"/>	Currency Exchange	1.2	Handles currency exchange functionality	IBM	JSP	A	90
<input type="checkbox"/>	Product Catalog	1.1	Organizes product information (categories, product details, cross-sell info, etc.)	IBM	JSP	A	70

Done Local internet

Fig. 20



TCS Detail - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Users: DRM IndLifeInsDRMSample

Non-Functional Requirements Sets: Create Date 04/05/01, Last Modified Date 04/05/01

TCS/TAGS Status

Non-Functional Requirements Edit

Target Functions Edit

Function Name	Weight
DetermineFederalWithholdingAmount:FederalWithholdingTaxFunctions:DetermineRequiredFWT	9
PolicyRecordManagement:PolicyRecordFunctions:GetTaxIDNumber	3

Scoring Parameters

Asset level affinity threshold 50

Function level affinity threshold 9

Allow functions with partial functionality Yes

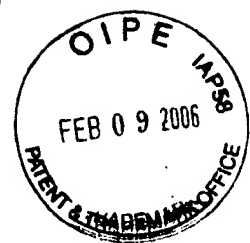
Allow functions with additional functionality Yes

Attached Assets

Name	Version	Description	Supplier	Type	Library
Customer Profile	1.0	Organizes customer information (addresses, phone numbers, etc)	IBM	JSP	B
Product Catalog	1.1	Organizes product information (categories, product details, cross-sell info, etc.)	IBM	JSP	A
Tax Bridge	1.0	Tool for life insurance companies to administer policy level taxation in a compliant manner	Practical Computing, Inc.	EJB	A

Delete Save As Run

Fig. 21



Asset Detail - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories

SEARCH

Logic Library Web

Information Center

Support Center

TCS

TAGS

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Functional Requirements Sets

TCS/TAQS Status

+ Asset Details

Asset Name	Currency Exchange
Description	Handles currency exchange functionality
Type	JSP

Descriptors

Operating System	UNIX
General	
Operating System	Linux Redhat 9.1
Specific	

Functions

convert()	Convert a currency value to a new currency
updateExchangeRates()	Sets new currency conversion factors

Notes

Financial Assets	Great Asset, High Cost.
Operational Assets	Support has been an issue in the past.

Artifacts Test Drive

Acquire

Fig. 22

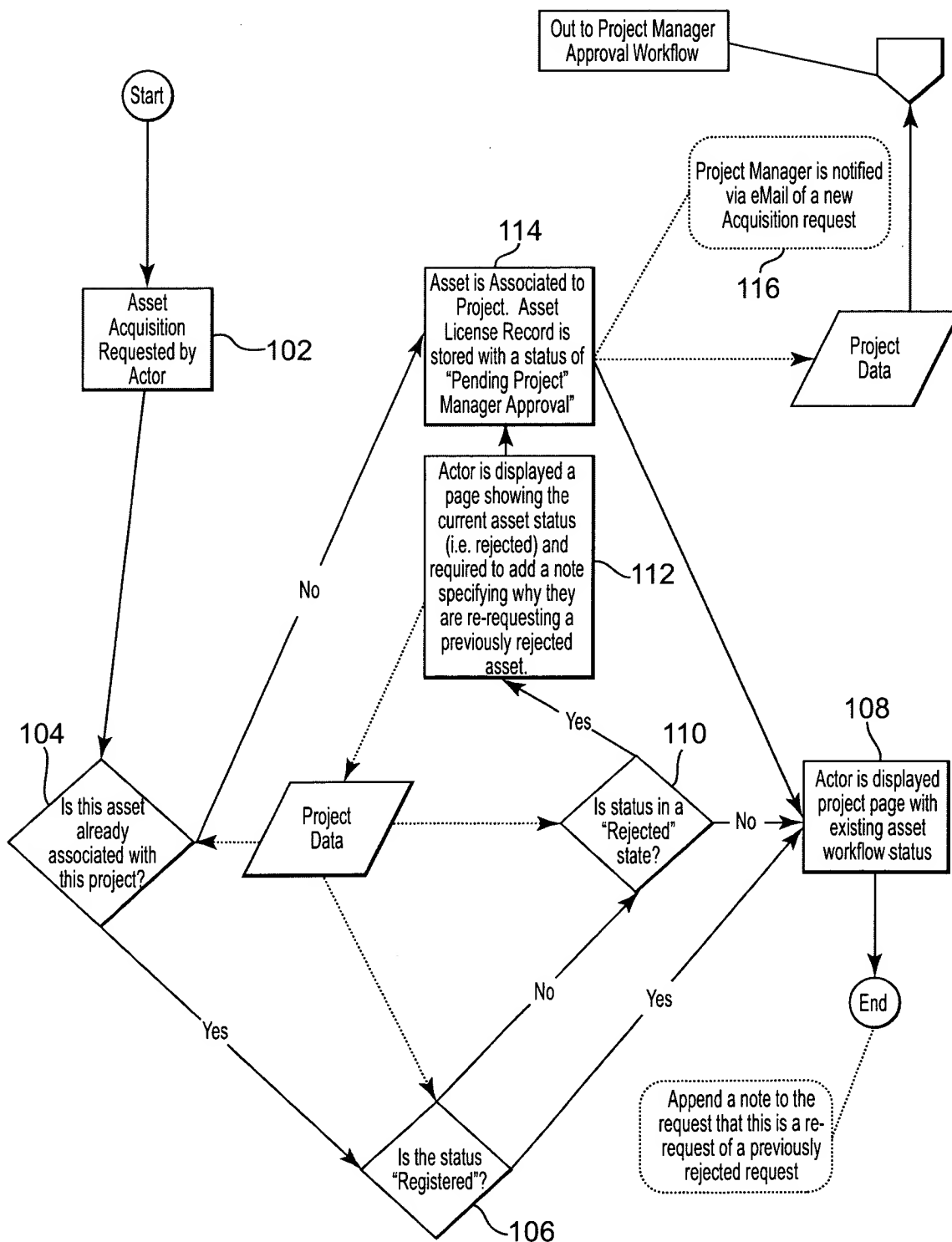
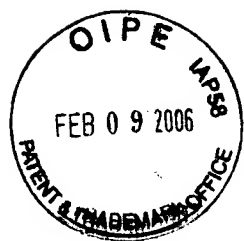


Fig. 23



pm_home - Microsoft Internet Explorer

File Edit View Favorite Tools Help Links>>

Logic Library

SITE SEARCH | SITE MAP | FEEDBACK | MANAGE MY PROFILE | LOGOUT

Search Categories [v]
[]
SEARCH

Logic Library Web
Information Center
Support Center
Organizational Groups
Asset Views
Profiles
Projects
Users
Non-Functional Requirements Sets
TCS/TAQS Status

License Acquisition Requests

Add new company-wide asset license

#	Register name	Requesting Project	Asset name	Version	Asset desc	Note
1	Carol-McGrath	Project 1	Currency Exchange	V1.0	Manages currencies and exchange rate	This component... <input type="checkbox"/>
2	Angela Hanafin	Project 2	Product Catalog	V1.0	Organizes information about items for sale.	Notes 2 <input type="checkbox"/>
3	Name 3	Project 3	Customer Profile	V1.0	Manages information about customers.	Notes 3 <input type="checkbox"/>
4	Name 4	Project 4	Asset 4	V1.0	This is Asset 4	Notes 4
5	Name 5	Project 5	Asset 5	V1.0	This is Asset 5	Notes 5
6	Name 6	Project 6	Asset 6	V1.0	This is Asset 6	Notes 6

130 118 120 122 124 126 128

Add new company-wide asset license

Fig. 24



Asset Name:	Asset 1
Asset Version:	V1.0
Description:	This is Asset 1

Note: _____

Carol McGrath "Pending Approval" Monday, February 26th, 2001 9:15 am
This component meets both the technical and business requirements for our project. We need a license ASAP as this is a time critical project.

Close

Fig. 25



Search for:

Asset License(s)

Search

LogicLibrary Web

Information Center

Support Center

Asset Licenses

Asset Requests

Add New Company-Wide Asset License

Save Clear

Library :

Library IDLibrary Name

Asset:

Asset Name & VersionDescription

License Data: .
.
.
.

Purchaser Note: .
.
.

SaveClear

Fig. 26



Search for:

Published Assets ▾

Search

LogicLibrary Web

Information Center

Support Center

Organizational Groups

Asset Views

Profiles

Projects

Users

Non-Funct'n'l Req Sets

Reports

TCS/TAQS Status

Angela's Published Assets

Asset Name	Version	Description	Last Published Date
Asset 1	V1.0	This is Asset 1	Published 2/21/01
Asset 3	V3.1	This is Asset 3	Published 3/01/01
Asset 4	V2.2	This is Asset 4	Published 3/05/01

Un-Published Assets in Repository

Asset Name	Version	Description	Publish Asset
Asset 2	V1.0	This is Asset 2	Published
Asset 5	V0.9	This is Asset 5	Published

Fig. 27